

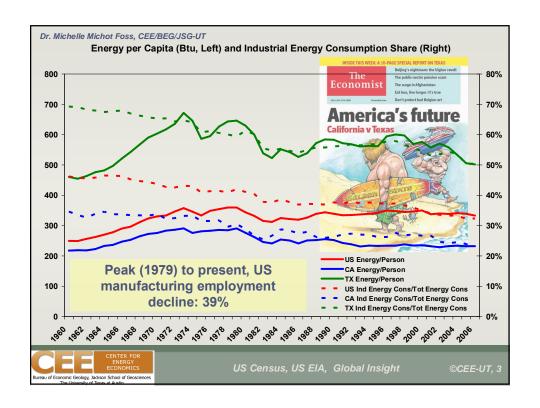
Dr. Michelle Michot Foss, CEE/BEG/JSG-UT

Do We Understand the Present?

- Our energy present is a function of our demographic and economic past
 - Fundamental shifts are taking place
- For the foreseeable future, oil will remain critical to US and global energy supply
 - Natural gas will continue to gain market share contingent on development of internal markets and global trade
- New fuels and/or fuel technologies could increase in importance
 - Pace depends on cost and timing; incumbent infrastructure is dominant
- Materials and nonfuel minerals may be more important
- We deal in political rather than economic trade offs
 - Much of what we perceive in energy, economy, environment is a function of beliefs rather than evidence; perception is reality



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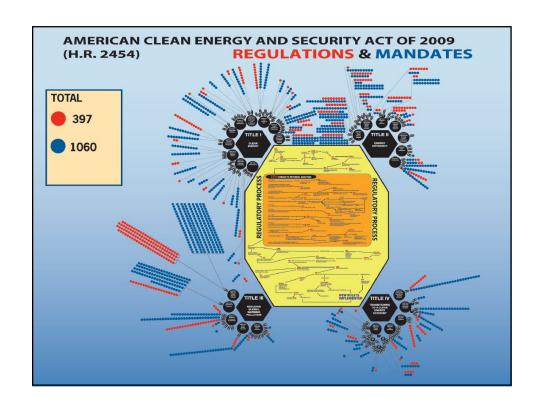
Climate Economics: An Insurance Valuation Problem

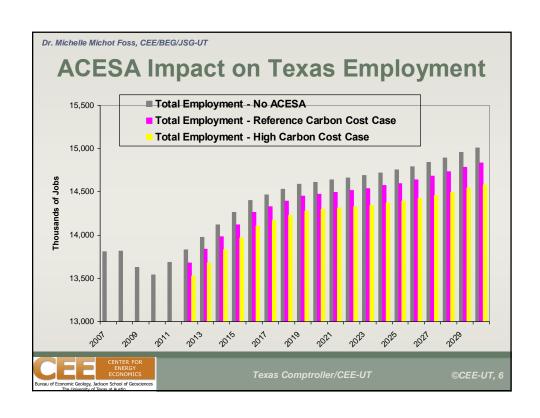
INSURANCE: Group claims stolen e-mails show risk in accepting climate change science. A major trade group for the insurance industry is warning that it is "exceedingly risky" for companies to blindly accept scientific conclusions around climate change, given the "serious questions" around the extent to which humans cause atmospheric warming. The National Association of Mutual Insurance Companies believes that the new regulation leaves little room for companies to cast doubt on widely accepted assumptions about global warming...The assertion was made in a letter to insurance regulators, who will administer the nation's first mandatory climate requirements on corporations in May. Large insurers will have to answer about a dozen questions related to the preparations they are taking to safeguard themselves from climatic hazards.

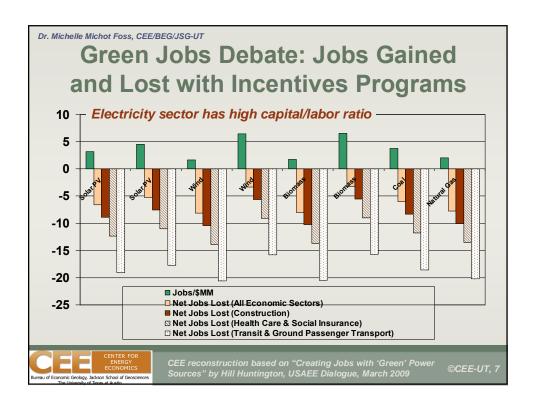
- 01/13/2010, Evan Lehmann, E&E reporter

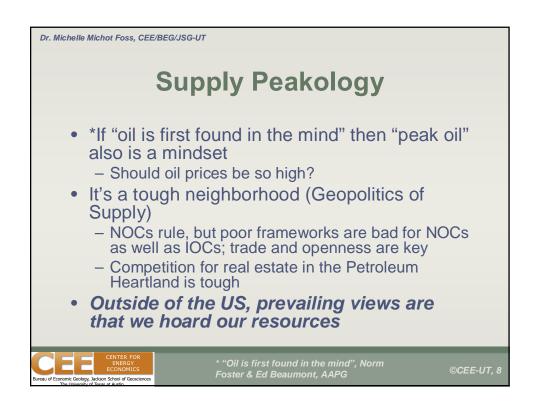


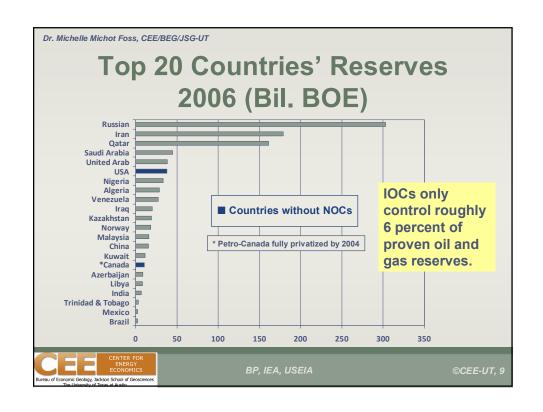
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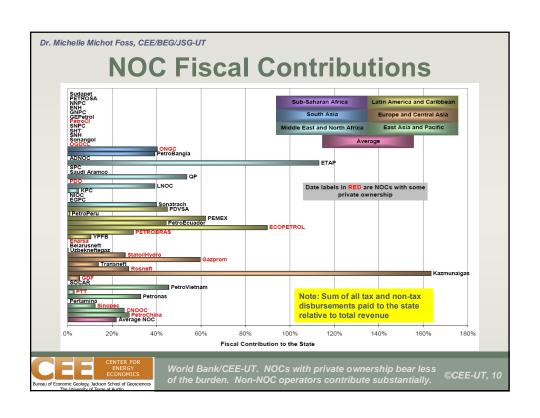


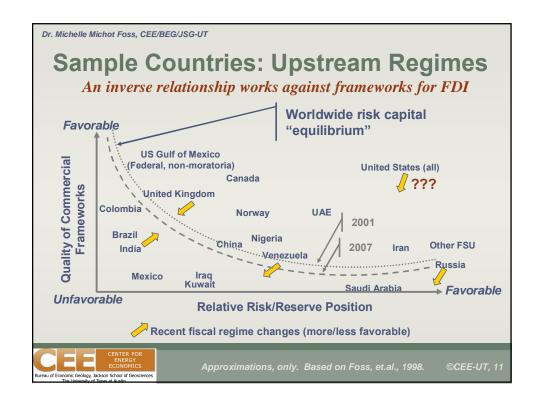


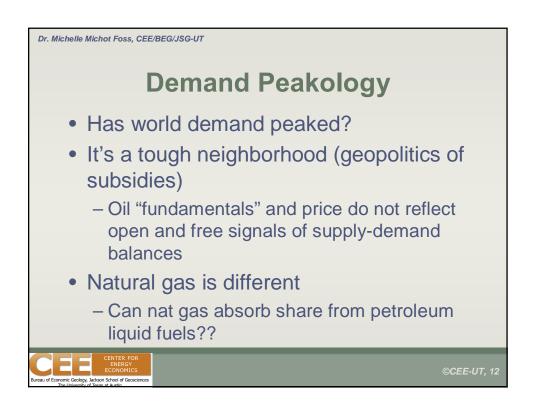


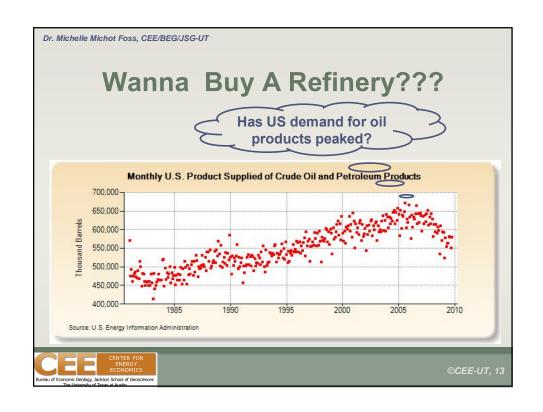


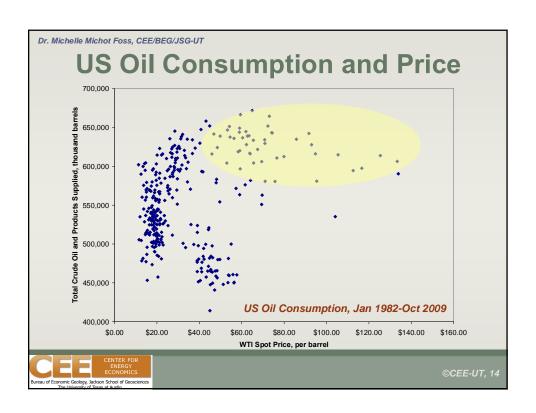


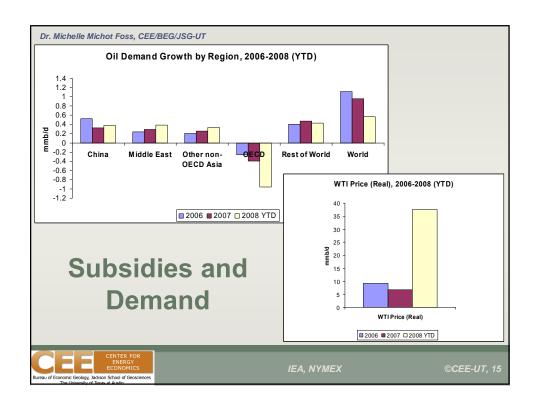


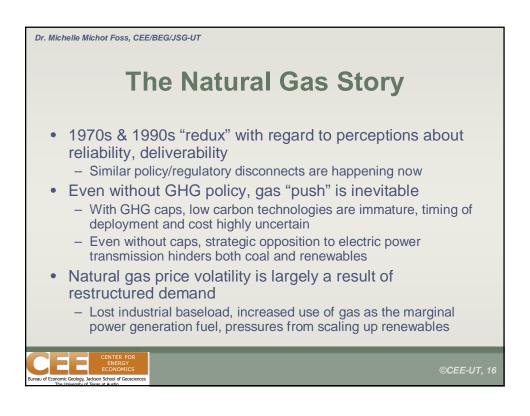


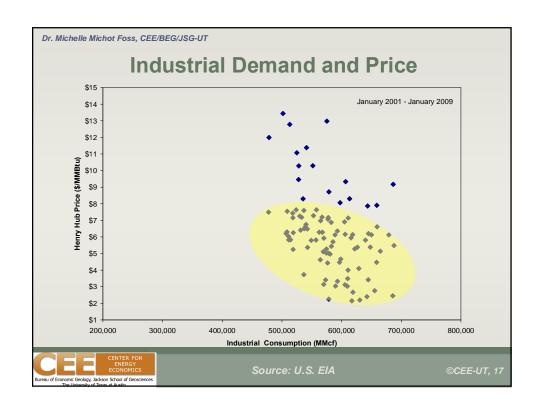


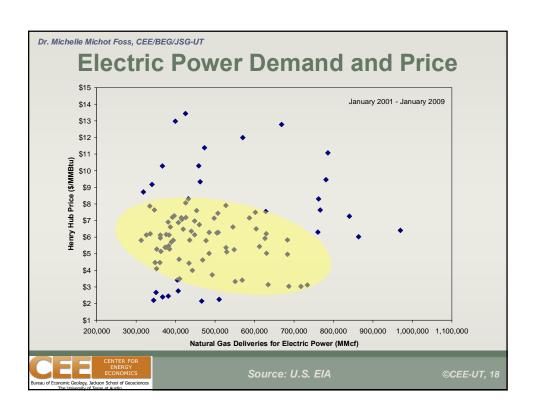


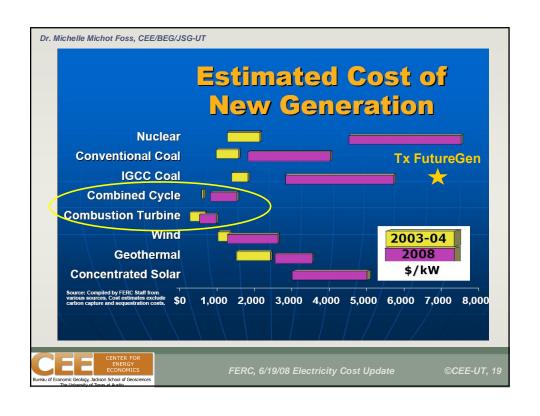


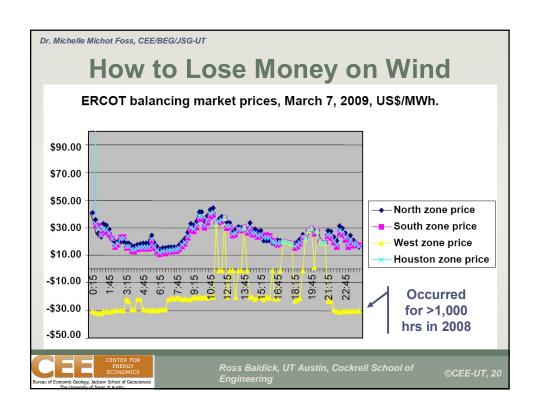


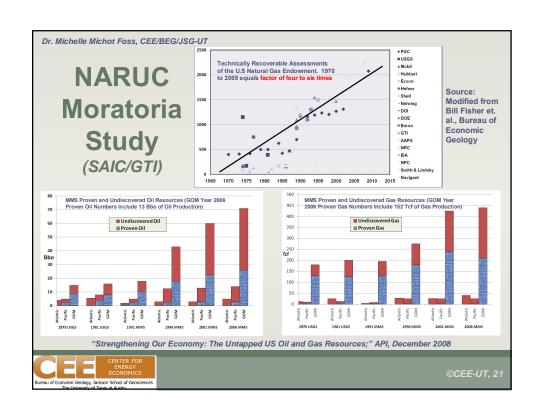


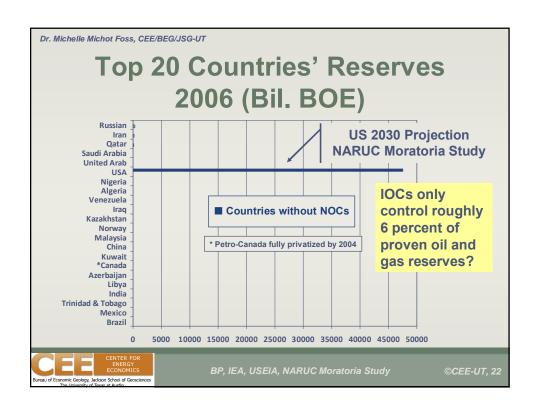


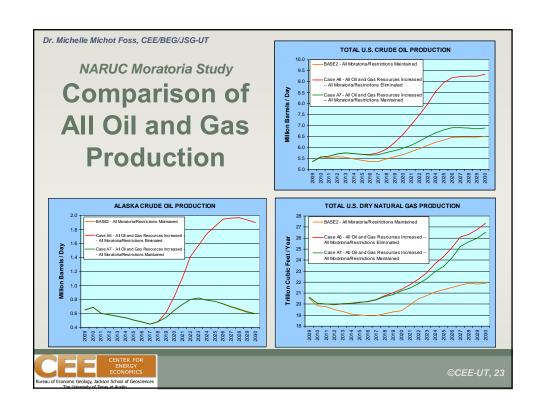


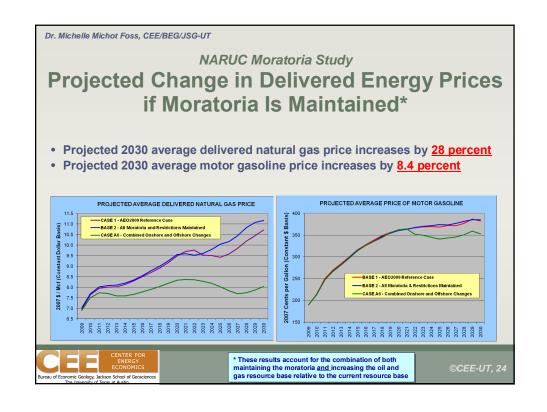


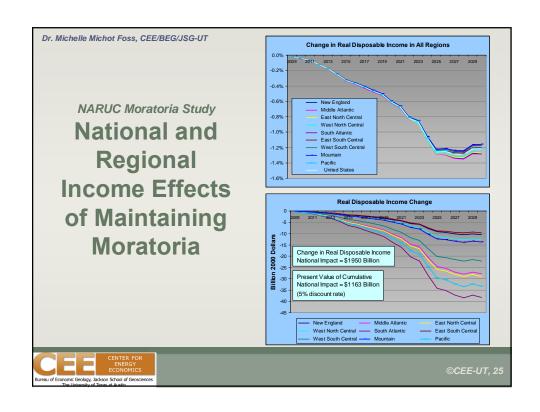


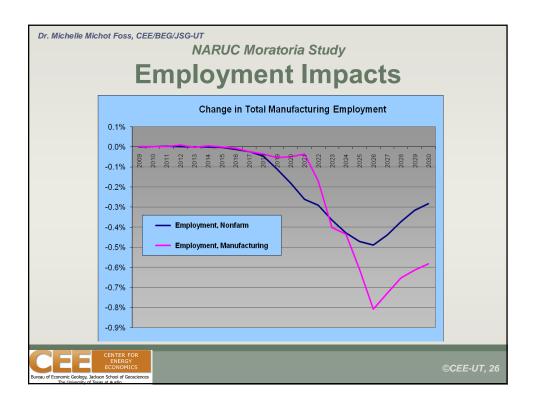












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For Further Contemplation

Copenhagen Consensus May 2008

http://www.copenhagen consensus.com

		SOLUTION	CHALLENGE
	1	Micronutrient supplements for children (vitamin A and zinc)	Malnutrition
	2	The Doha development agenda	Trade
	3	Micronutrient fortification (iron and salt iodization)	Malnutrition
	4	Expanded immunization coverage for children	Diseases
	5	Biofortification	Malnutrition
	6	Deworming and other nutrition programs at school	Malnutrition & Education
	7	Lowering the price of schooling	Education
	8	Increase and improve girls' schooling	Women
	9	Community-based nutrition promotion	Malnutrition
	10	Provide support for women's reproductive role	Women
	11	Heart attack acute management	Diseases
	12	Malaria prevention and treatment	Diseases
	13	Tuberculosis case finding and treatment	Diseases
	14	R&D in low-carbon energy technologies	Global Warming
	15	Bio-sand filters for household water treatment	Water
		Rural water supply	Water
	17	Conditional cash transfers	Education
	18	Peace-keeping in post-conflict situations	Conflicts
	19	HIV combination prevention	Diseases
	20	Total sanitation campaign	Water
		Improving surgical capacity at district hospital level	Diseases
	22	Microfinance	Women
	23	Improved stove intervention	Air Pollution
	24	Large, multipurpose dam in Africa	Water
	25	Inspection and maintenance of diesel vehicles	Air Pollution
	26	Low sulfur diesel for urban road vehicles	Air Pollution
		Diesel vehicle particulate control technology	Air Pollution
	28	Tobacco tax	Diseases
		R&D and mitigation	Global Warming
	30	Mitigation only	Global Warming



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